



UNITED STATES DEPARTMENT OF COMMERCE  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/841,950 04/08/97 RIGGINS M 40827.00004

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TM02/0129

EXAMINER

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SEAL, T

ART UNIT

PAPER NUMBER

2131

DATE MAILED:

01/29/01 25

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

## Office Action Summary

Application No. 08/841,950	Applicant(s) Riggins
Examiner James Seal	Group Art Unit 2131

Responsive to communication(s) filed on 7 Nov 2000

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle 1035 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

### Disposition of Claim

- Claim(s) 1-30 is/are pending in the application.  
Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- Claim(s) \_\_\_\_\_ is/are allowed.
- Claim(s) 1-30 is/are rejected.
- Claim(s) \_\_\_\_\_ is/are objected to.
- Claims \_\_\_\_\_ are subject to restriction or election requirement.

### Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- The proposed drawing correction, filed on 8/25/99 is  approved  disapproved.
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. § 119

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- All  Some\*  None of the CERTIFIED copies of the priority documents have been
- received.
- received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
- received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \*Certified copies not received: \_\_\_\_\_
- Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

### Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_
- Interview Summary, PTO-413
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

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**DETAILED ACTION**

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. The prior actions are incorporated herein by reference. In particular, the response to previously presented arguments.
3. Amendment to specification pages 4, 5, 15, 16, and 24 have been approved and entered.
4. Amendment to specification page 10 lines 10 and 11 were not entered. Lines 10 and 11 do not contain the word itself.
5. Amended claims 1, 15, 29, and 30 have been approved and entered.
6. Claims 1-30 are pending.

*Docketing*

7. Please note that the application has been redocketed to a different examiner. Please refer all future communications regarding this application to the examiner of record, using the information supplied in the final section of the office action.

*Drawings*

8. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

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***Claim Rejections - 35 USC § 103***

9. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Vogel (5,815,683), and further in view of Netscape version 2.

10. Claims 1, 15, 29, and 30 have now been amended to include the following negative limitation: "Thereby enabling the client to access the available services without storing the service communication codes and keys at the client".

11. In the service access provider system, it would have been obvious for one of ordinary skill in the art to store access codes and keys at a place other than the client. As user access to services (programs, tools etc.) must be governed through the service access provider system, storing user keys and access codes at the user site would not be good security practice. First if the user computer had the access codes, a user might simply bypass the system and would have access to any service. Second storing keys on the user computer allows the user access to other users. Claims 1, 15, 29, and 30 are rejected.

12. All other claims are rejected by there dependency.

***Response to Arguments***

13. Applicant's arguments with respect to claims 1-30 have been considered but are not persuasive.

14. The applicant asserts Vogler fails to provide support for a roaming user.

15. Examiner note that a roaming user is not claimed.

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16. The applicant asserts that Vogler fails specify stored bookmarks, calendar data, pager numbers, etc.
17. Examiner notes that stored bookmarks, calendar data, pager numbers, etc. are not claimed.
18. Applicant asserts that Vogler fails to mention a single application other than CAD.
19. Examiner notes that Vogel does provide user with access to different CAD tools (services). One of ordinary skill in the art would have been motivated to modify Vogel's teaching to incorporate access to multiple CAD packages, and further modify it to provide the user with access to engineering databases, literature searches, financial reports, product development and the like . Certainly the user would have certain access privileges which varied from one service to another, but such modifications would be obvious modifications to the Vogel system.
20. Applicant argues that it would not have obvious to apply Vogel's teaching of Internet application (which involved only CAD program), to a multiple service environment.
21. As discussed previously, a typical engineering firm (or that matter a typical user) has need to access more than a single CAD program and one of ordinary skill of the art would have recognized such needs. One of ordinary skill in the art would have recognized that a single engineering facility is often linked to other labs, production facilities, and management facilities in other parts of the country. Often, because of cost, resources are not duplicated in every facility. Therefore there is a need for a single user to use multiple resources in different parts of the country. Vogel's teaches access to CAD programs through the Internet (see figure 1). One of

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ordinary skill in the art would have no difficulties modifying Vogel's teachings to provide users to multiple services over the Internet. Finally, one of ordinary skill in the art would have recognized access to different manufactures, in order to obtain product information, catalogs, availability, price, supplies, inventory, as well as ordering both here and abroad would be desirable and could easily have modified a system keyed to a single manufacturer to multiple manufacturer though the Internet.

22. Applicant asserts that Vogel's teachings fail to mention global services.
23. As discussed above, Vogel teaches application of his system to the Internet, which is a global based system.
24. Applicant asserts that Vogel provides no option to choose from available services.
25. Vogel is silent on the issue of options, however, one of ordinary skill in the art would have been motivated to combine Vogel's teaching on user access and the Internet, with technologies which have been available since the 80's, such as Mosaic™, Netscape™, and Explorer™, as well as object oriented programs such as Visual Basic™ to provide menu driven options for the user.
26. Applicant asserts that Vogel's teachings do not provide secure client-service assess.
27. The ability to provide secure links on networks and the Internet has been well known in the art, for example financial institutions establish secure links over the Internet. As suggested above a plant manager might need proprietary financial forecasts that a sister plant in another state for projected production costs of a new product. Such information would require a secure

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link and one of ordinary skill in the art work make the necessary modification to Vogel's system using encryption scheme already available to provide such a link.

28. Applicant asserts that Vogel's teachings does not mention providing client with service communication codes.

29. In any menu driven system created by say Visual Basic™ or other object oriented languages, the codes to operate various services or implement various options are provided by the system and assigned to various buttons at the time the application is created.

30. Applicant asserts that Vogler's does not teach a key safe (or memory location) which is not on user system for the storage of keys.

31. Storage of a key or keys with the user (or users) could provide a major security risk or compromise of the resources as a whole, if for example the user found a way to access them. One of ordinary skill in the art would recognize, keys are only needed by the system which manages the access of resources.

32. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

***Conclusion***

33. Any inquiry concerning this communication should be direct to James Seal at telephone number (703) 308 4562. The examiner can normally be reached on Monday through Friday from 7:30 a.m. to 5:30 p.m.

34. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gail Hayes, can be reached at (703) 305-9711.

35. Any inquiry of a general nature or relating to the status of this application or preceding should be directed to the Group receptionist, whose telephone number is (703) 305-3800. Fax number is (703) 305 0040.

James Seal

25 January 2001

*Gilbert Barron Jr.*  
GILBERTO BARRON, JR.  
PRIMARY EXAMINER  
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